

15. A method for booting up computer using the multifunction semiconductor storage device, comprising the steps of:

A2  
storing the boot program of the operating system and operating system programs into the multifunction semiconductor storage device;

connecting the multifunction semiconductor storage device with the computer host system through the general-purpose interface;

identifying the general purpose interface, and controlling and reading/writing the multifunction semiconductor storage device based on BIOS after powered up the computer host system; and

loading the boot program of the operating system and operating system programs stored in the multifunction semiconductor storage device to computer host system for achieving computer boot-up.

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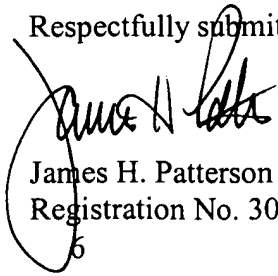
REMARKS

Claims 1-15 are pending. By this Amendment, claim 1 is amended.

In view of the foregoing, it is submitted that this application is in condition for allowance. Favorable consideration and prompt allowance of the application are respectfully requested.

The Examiner is invited to telephone the undersigned if the Examiner believes it would be useful to advance prosecution.

Respectfully submitted,

  
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James H. Patterson  
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ATTACHMENT  
REDLINED AMENDMENT

Specification As Amended

Please substitute the following amended paragraph:

Page 3, lines 16 and 18:

The present invention provide a multifunction semiconductor storage device capable of hot plug in/out and being removable connected to the host system through the general purpose interface, including a semiconductor storage media module and a controller module, wherein the controller module comprises a general purpose interface control module, a microprocessor and control module, said semiconductor storage device can realize the device class protocol of the floppy disk drive, simulate and implement the storing function of the floppy diskette working on the floppy disk drive, or realize the device class protocol of the CD-ROM drive, simulate and implement the storing function of the CD-ROM working on the CD-ROM drive, or realize the device class protocol of the hard disk, simulate and implement the storing function of the hard disk, or realize the device class protocol of the ZIP disk, simulate and implement the storing function of the ZIP disk, or realize the device class protocol of the MO disk, simulate and implement the storing function of the MO disk by the semiconductor storage media module and the controller module.

Claims As Amended

Please substitute the following amended claim for the claim currently pending:

1. (Once Amended) A multifunction semiconductor storage device capable of hot plug and play and being removable connected to the host system through the general purpose interface,

including a semiconductor storage media module (1) and a controller module (2), wherein the controller module (2) comprises a general purpose interface control module (21), a microprocessor and control module (22), said semiconductor storage device can realize the device class protocol of the floppy disk drive, simulate and implement the storing function of the floppy diskette working on the floppy disk drive, or realize the device class protocol of the CD-ROM drive, simulate and implement the storing function of the CD-ROM working on the CD-ROM drive, or realize the device class protocol of the hard disk simulate and implement the storing function of the hard disk, or realize the device class protocol of the ZIP disk, simulate and implement the storing function of the ZIP disk, or realize the device class protocol of the MO disk, simulate and implement the storing function of the MO disk by said semiconductor storage media module (1) and said controller module (2).